

Bond Street Bicycle Route Upgrade

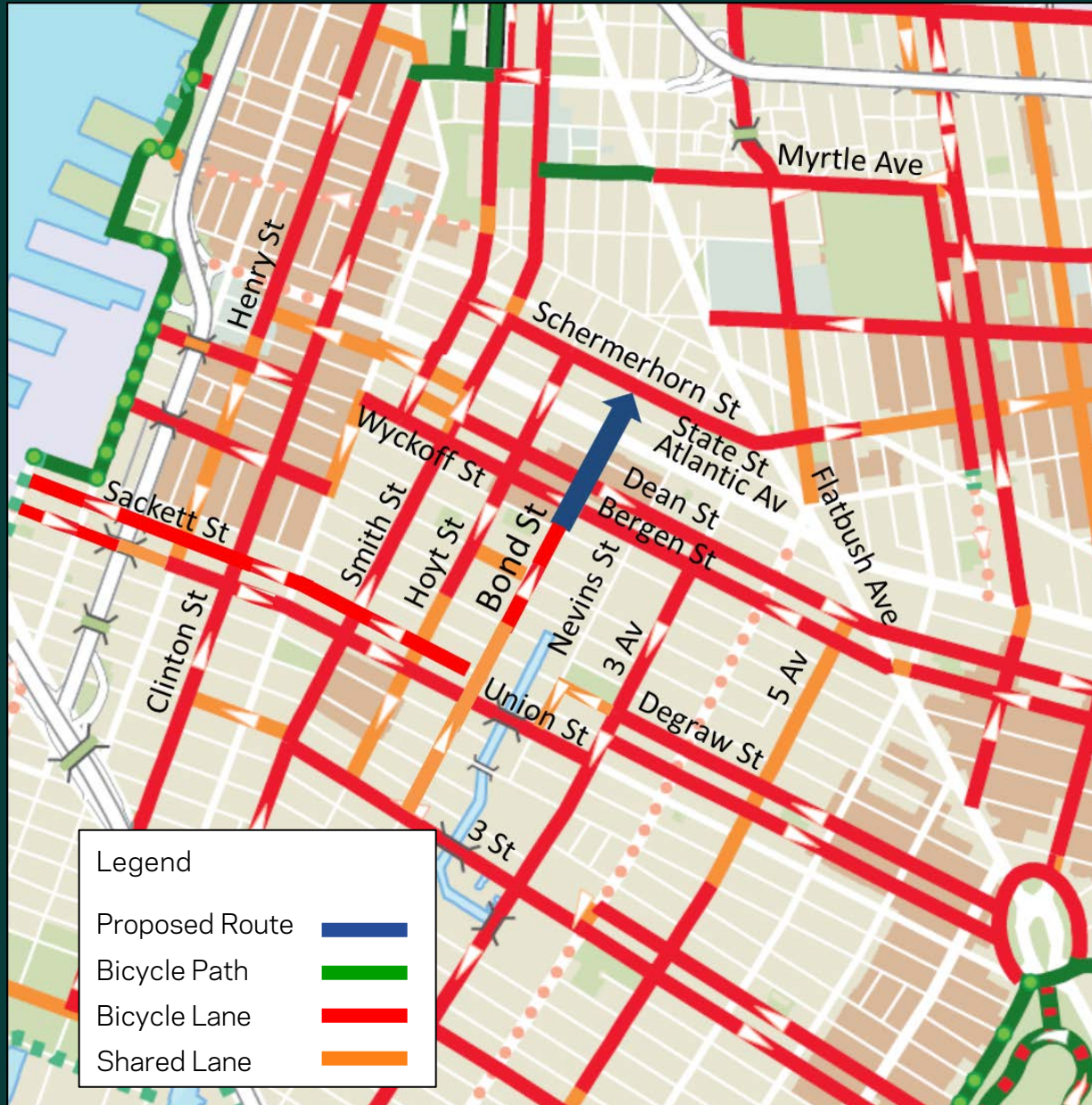


Project Background

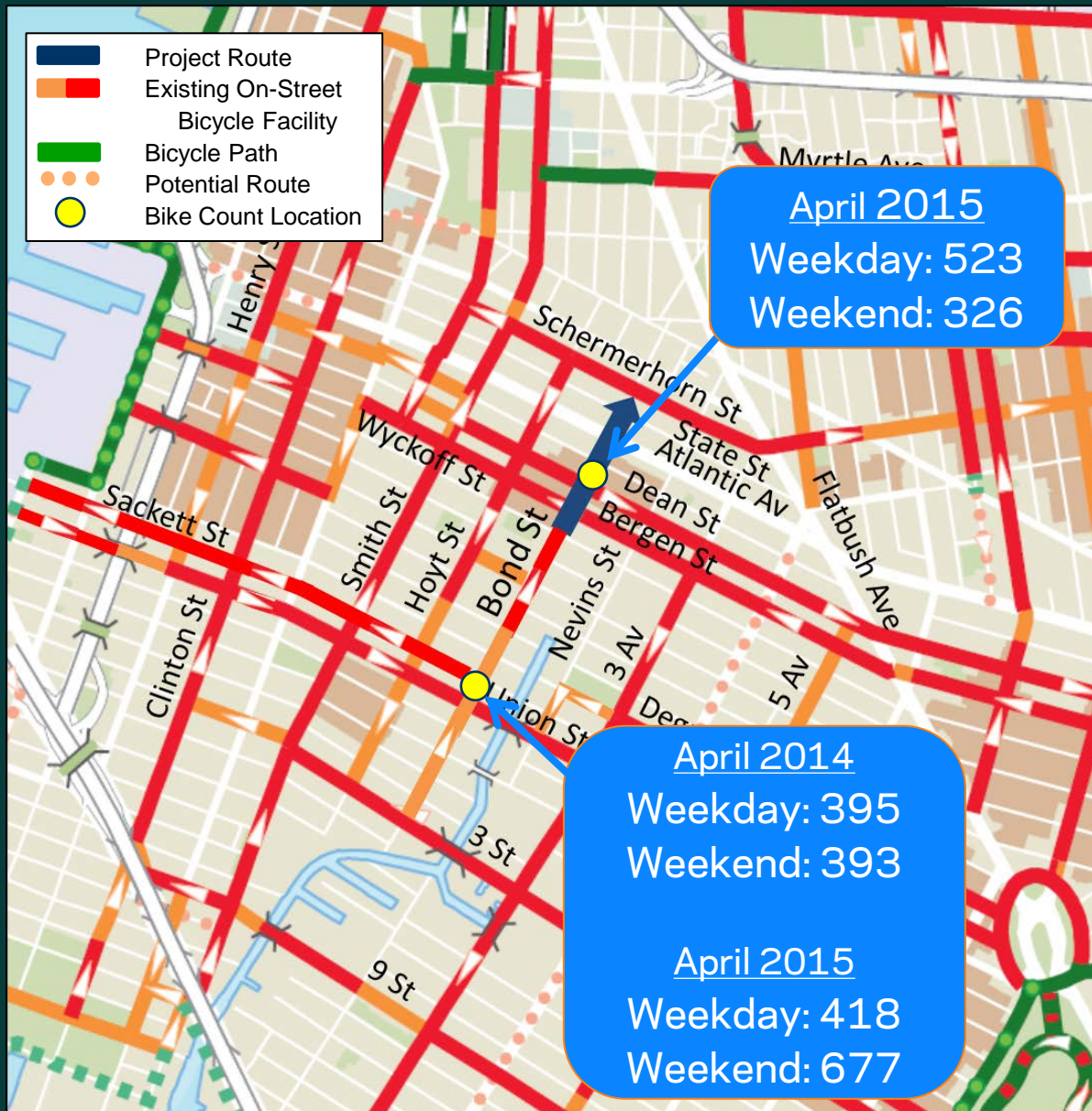
- Bond Street bicycle route installed summer 2014
 - Community member asked for more robust facility
- Shared lanes installed between Wyckoff St and Schermerhorn St
- Due to weekday parking restrictions along the east curb cyclists already travel along the curb
- Street will be repaved in late summer - opportunity for new design



Project Map



12 Hour Bike Counts



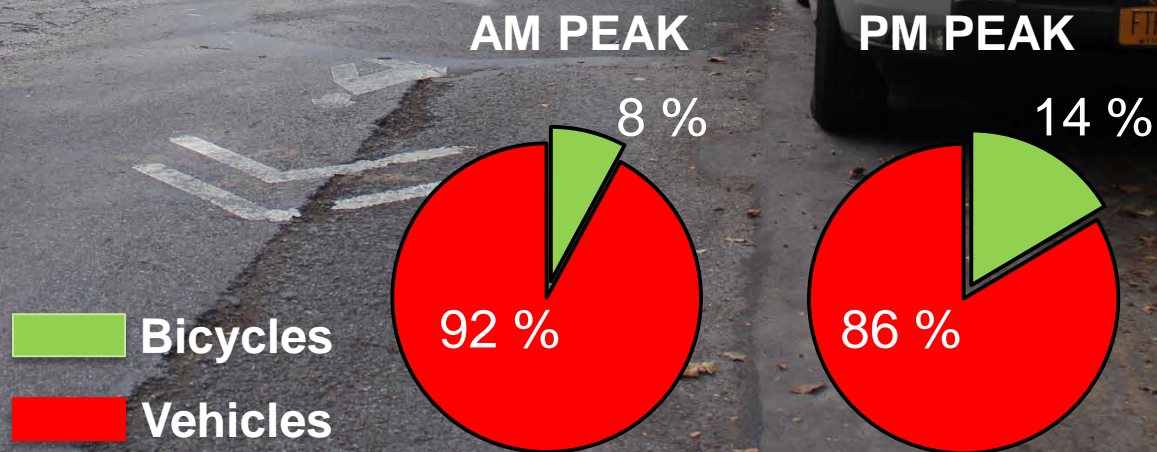
*Count conducted 4/18/2015 &
4/23/2015 7am-7pm

*Bond Street Bike Route installed
Summer 2014

Peak Hour Mode Split - Weekday

Bond St between Dean St and Pacific St

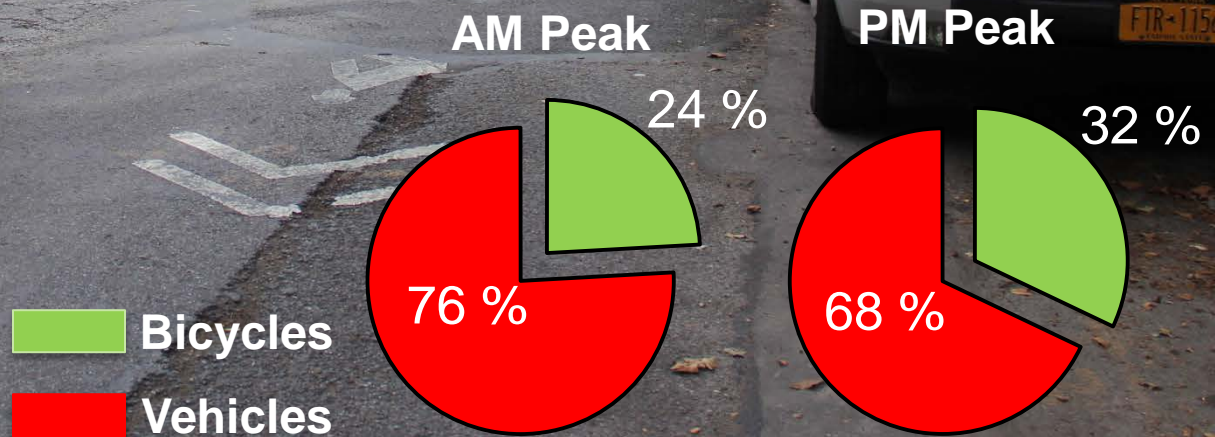
Mode	AM Peak Hour (8am – 9am) Volume	PM Peak Hour (5pm – 6pm) Volume
Bicycles	44	58
Vehicles	525	349



Peak Hour Mode Split – Weekend

Bond St between Dean St and Pacific St

Mode	AM Peak Hour (9am – 10am) Volume	PM Peak Hour (4pm – 5pm) Volume
Bicycles	44	80
Vehicles	139	170



Existing – Looking South at Bergen St

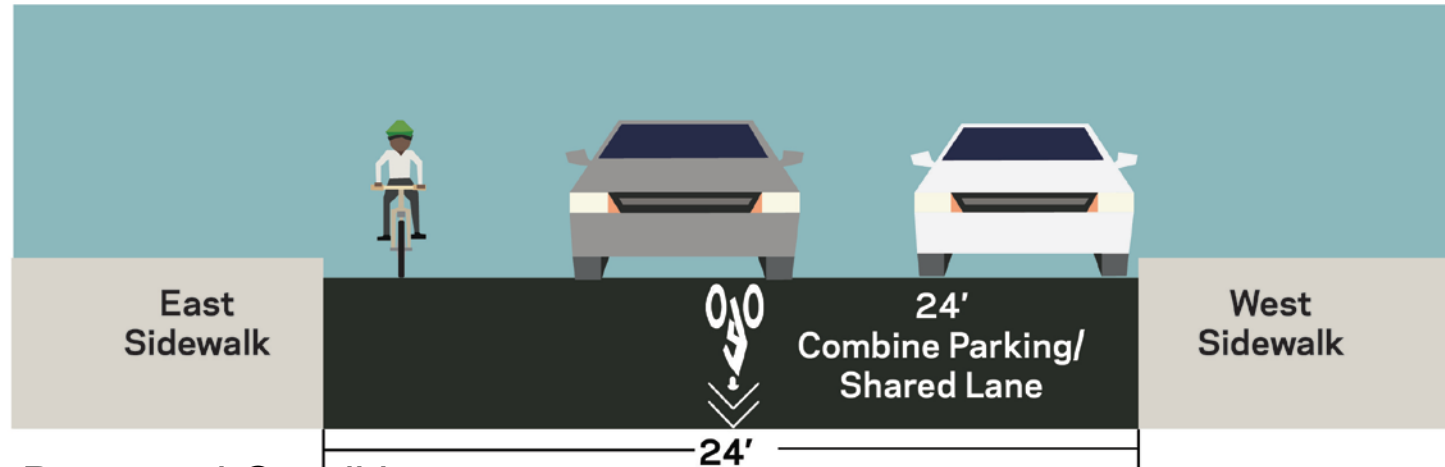


Between Bergen St and Dean St

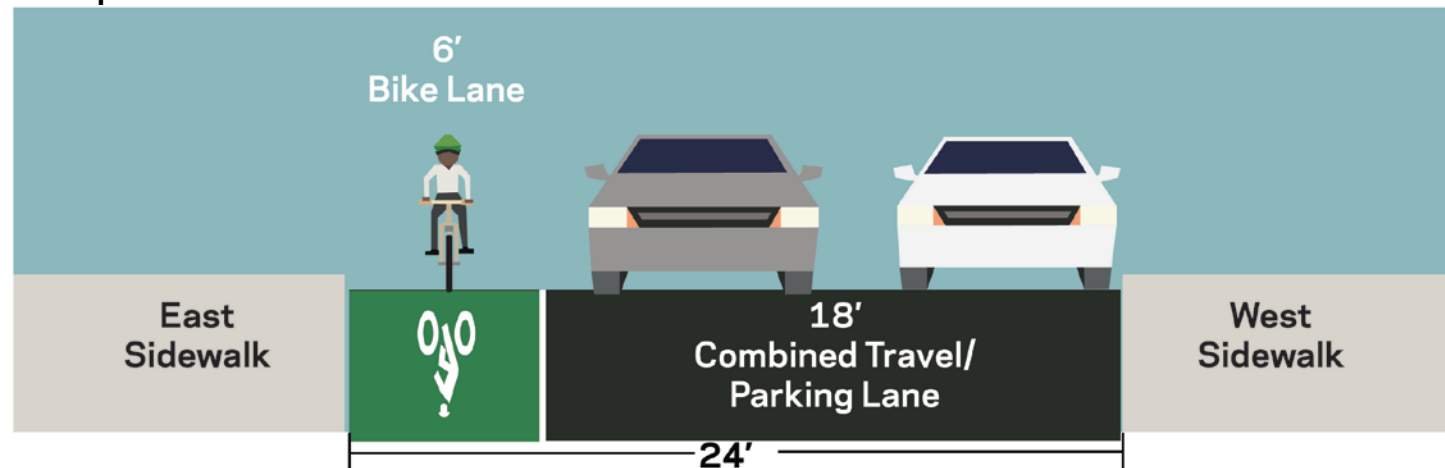
Proposed Design

Bond St between Wyckoff St and Schermerhorn St

Existing Condition



Proposed Conditions

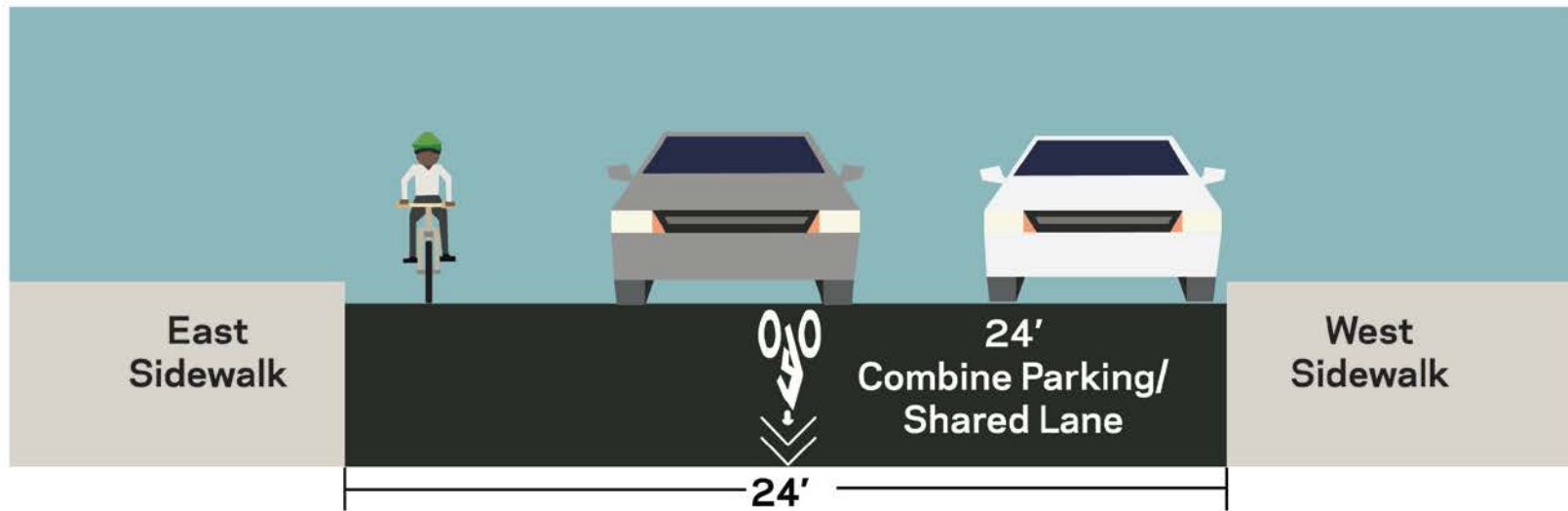


Proposed Design – Henry St, Brooklyn



Existing Parking Regulations

Bond St between Wyckoff St & Atlantic Ave



East Side

No Standing 7am-10am

Monday-Friday

No Parking 7am-7pm

Monday-Friday

West Side

No Parking 8:30am-10:00am

Monday

No Standing 7am-10am

(between Pacific St & Atlantic Av)

Weekday Parking Observations (2014 & 2015)

Site Visit between Wyckoff St & Bergen St

East Side of Street Wyckoff St to Bergen St	Average Vehicle s Parking
Weekday	0

Underutilized Parking

Tuesday
5/12/2015
10:15 PM

*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm

*Vehicles parked is the average of seven weekend days (6/28/2014, 7/19/2014, 7/20/2014, 7/26/2014, 7/27/2014, 3/8/2015, & 3/21/2015) between 10:30am - 2:00pm

Weekday Parking Observations (2014 & 2015)

Site Visit between Bergen St & Dean St

East Side of Street
Bergen St to Dean St

Average
Vehicles
Parking

Weekday

0

Underutilized Parking

Tuesday
5/12/2015
10:15 PM

*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm

*Vehicles parked is the average of seven weekend days (6/28/2014, 7/19/2014, 7/20/2014, 7/26/2014, 7/27/2014, 3/8/2015, & 3/21/2015) between 10:30am - 2:00pm

Weekday Parking Observations (2014 & 2015)

Site Visit between Dean St & Pacific St

East Side of Street
Dean St to Pacific St

Average
Vehicles
Parking

Weekday

0

Underutilized Parking

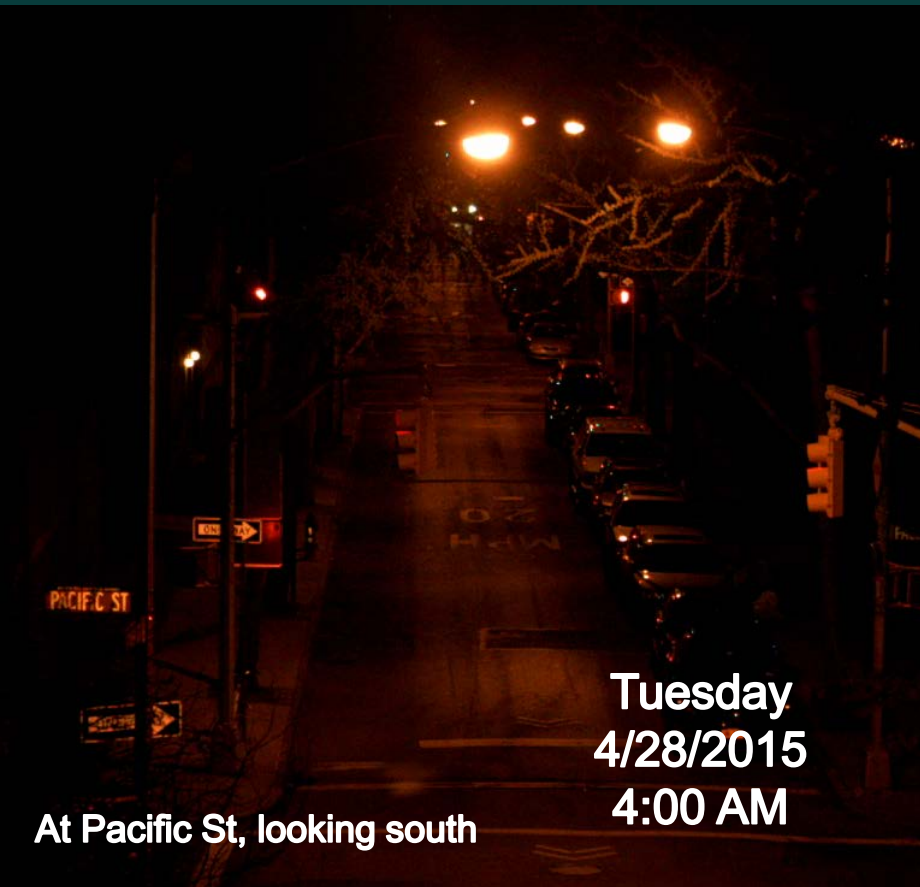
Thursday
3/26/2014
11:30 PM

*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm

*Vehicles parked is the average of three weekend days (6/28/2014, 3/8/2015, & 3/21/2015) between 10:30am - 2:00pm

Weekday Parking Utilization Study (2015)

Time Lapse between Bergen St to Atlantic Ave



At Pacific St, looking south

Tuesday
4/28/2015
4:00 AM

East Side of Street Bergen St to Atlantic Ave	Average Vehicles Parking
Weekday	0.2



Thursday
4/30/2015
6:15 AM

*Vehicles parked is the average of seven weekdays (4/23/2014, 4/24/2015, 4/27/2015, 4/28/2015, 4/29/2015, 4/30/2015, & 5/1/2015) between 7:30pm - 6:30am

*Vehicles parked is the average of four weekend days (4/25/2015, 4/26/2015, 5/02/2015, & 5/03/2015) between 1:00am - 10:00pm

Weekend Parking Observations (2014 & 2015)

Site Visit between Wyckoff St & Bergen St

East Side of Street
Wyckoff St to Bergen St

Average
Vehicles
Parking

Weekend

0.7

Underutilized Parking

Sunday
7/27/2014
10:15 AM

*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm

*Vehicles parked is the average of seven weekend days (6/28/2014, 7/19/2014, 7/20/2014, 7/26/2014, 7/27/2014, 3/8/2015, & 3/21/2015) between 10:30am - 2:00pm

Weekend Parking Observations (2014 & 2015)

Site Visit between Bergen St & Dean St

East Side of Street
Bergen St to Dean St

Average
Vehicles
Parking

Weekend

2.2

Underutilized Parking

Saturday
7/26/2014
2:00 PM

*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm

*Vehicles parked is the average of six weekend days (6/28/2014, 7/19/2014, 7/20/2014, 7/26/2014, 3/8/2015, & 3/21/2015) between 10:30am - 2:00pm

Weekend Parking Utilization Study (2015)

Time Lapse between Bergen St & Atlantic Ave

**Saturday
5/02/2015
1:00 PM**



East Side of Street
Bergen St to Atlantic Ave

Average
Vehicles
Parking

Weekend

Total Average

2.7

Day Average (10am-7pm)

4.5

Overnight Average (10pm-7am)

1.8

*Vehicles parked is the average of seven weekdays (4/23/2014, 4/24/2015, 4/27/2015, 4/28/2015, 4/29/2015, 4/30/2015, & 5/1/2015) between 7:30pm - 6:30am

*Vehicles parked is the average of four weekend days (4/25/2015, 4/26/2015, 5/02/2015, & 5/03/2015) between 1:00am - 10:00pm

At Pacific St, looking south

**Sunday
5/03/2015
2:00 AM**



Weekend Parking Observations (2014 & 2015)

Site Visit between Pacific St & Atlantic Ave

East Side of Street
Pacific St to Atlantic Ave

Average
Vehicles
Parking

Weekend

4.3

Underutilized Parking

Sunday
7/20/2015
10:30 AM

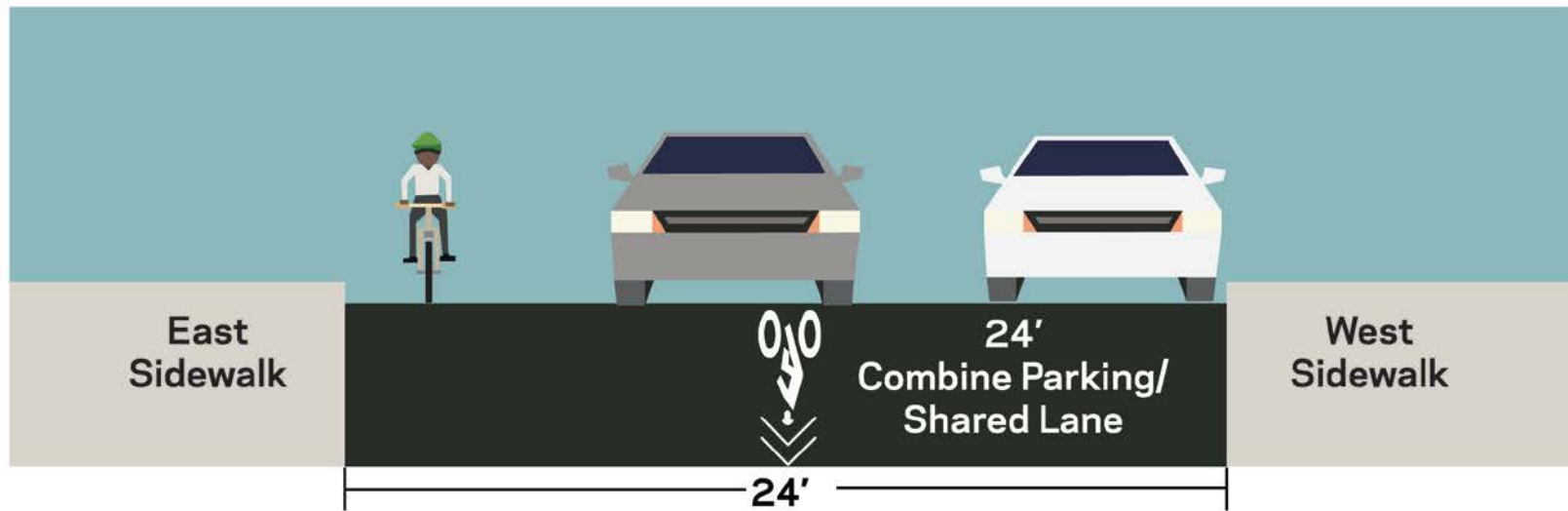
*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm

*Vehicles parked is the average of four weekend days (6/28/2014, 7/20/2015, 3/8/2015, & 3/21/2015) between 10:30am - 2:00pm

Existing Conditions

Bond St between Atlantic Ave & State St

Typical Conditions



East Side

No Parking 8am-7pm
Except Sunday
No Standing Anytime

West Side

No Parking 8:30am-10:00am
Monday
1 Hour Meter 9am-7pm
Except Sunday

Weekday & Weekend Parking Observations ('14 & '15)

Site Visit between Atlantic Ave & State St

East Side of Street
Atlantic Ave to State St

Average
Vehicles
Parking

Weekday

0

Weekend

0



Sunday
7/20/2014
10:15 AM

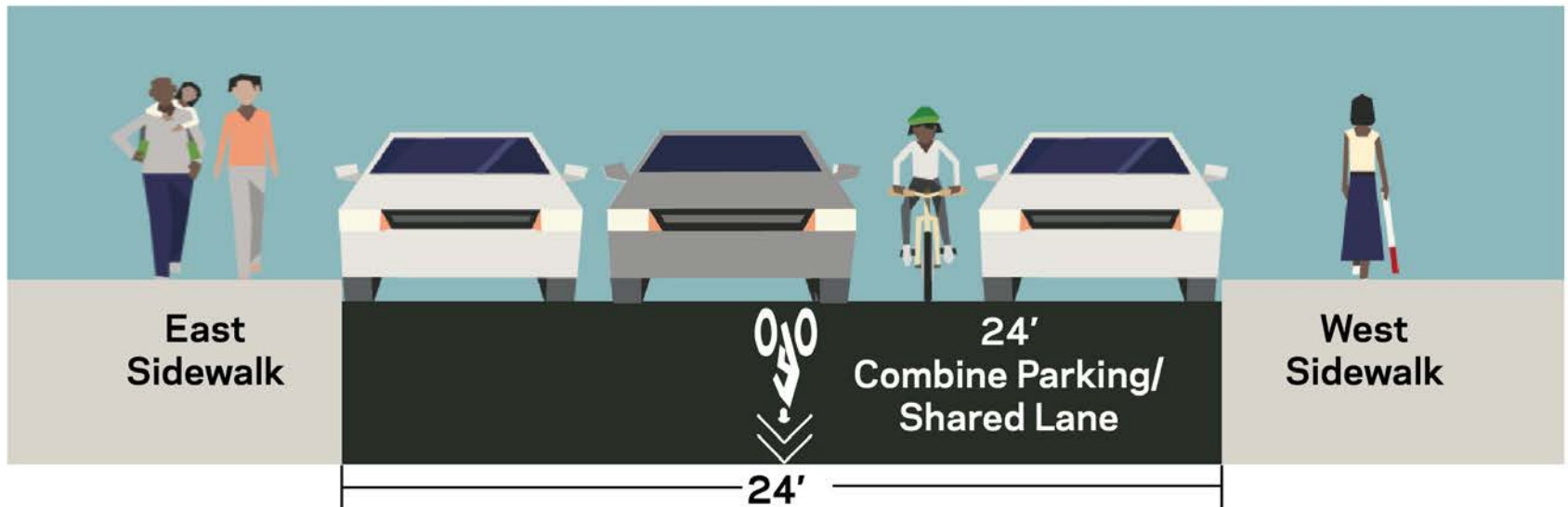
*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm

*Vehicles parked is the average of three weekend days (7/19/2014, 7/20/2015, & 3/8/2015) between 10:30am - 2:00pm

Existing Conditions

Bond St between State St & Schermerhorn St

Existing Conditions



East Side

1 Hour Meter 10am-7pm
Except Sunday
No Standing Anytime 7am-10am
Except Sunday

West Side

No Parking 8am-7pm
Except Sunday
No Standing Anytime

Weekday Parking Observations (2014 & 2015)

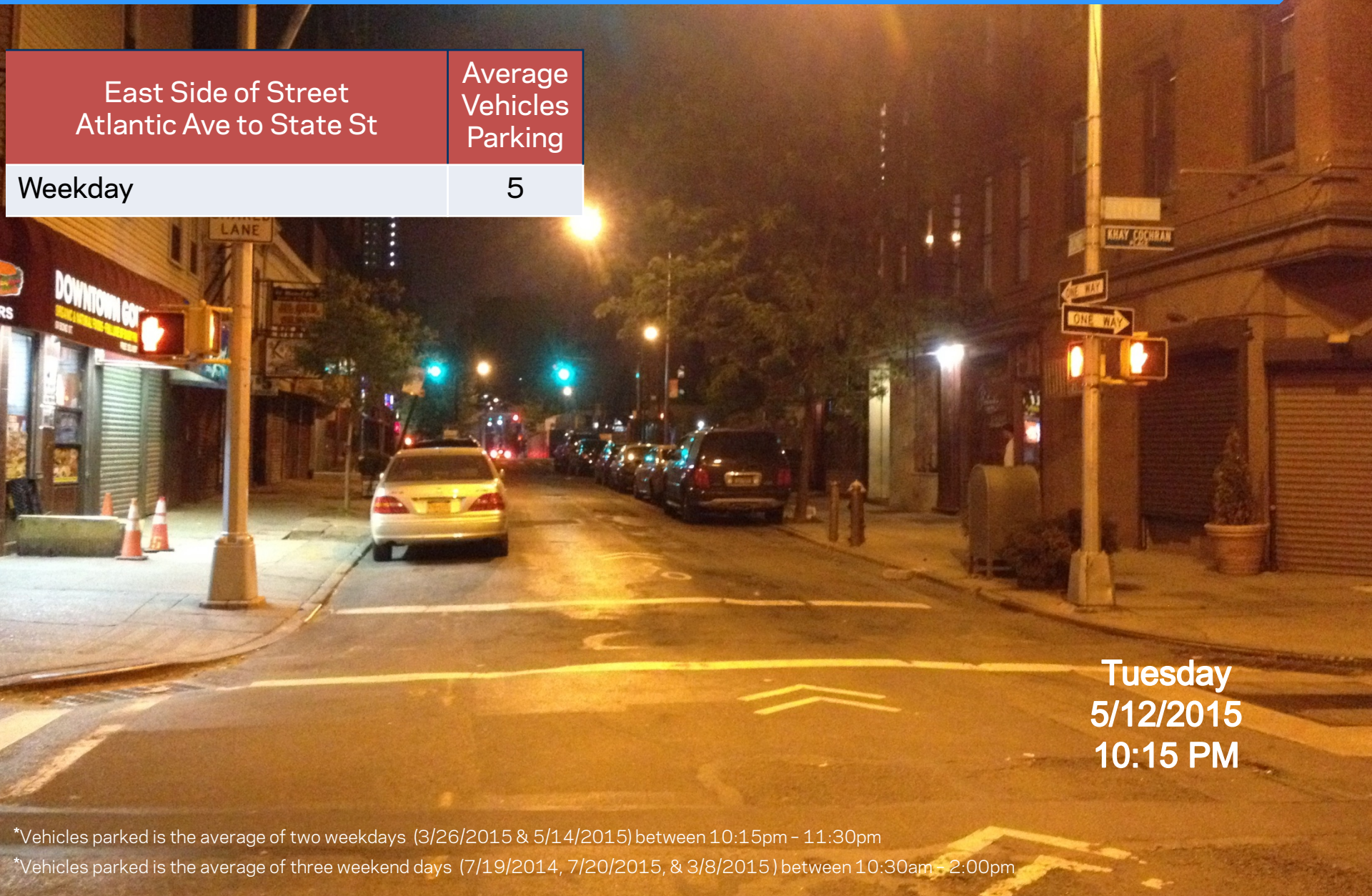
Site Visit between State St & Schermerhorn St

East Side of Street
Atlantic Ave to State St

Average
Vehicles
Parking

Weekday

5



Tuesday
5/12/2015
10:15 PM

*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm

*Vehicles parked is the average of three weekend days (7/19/2014, 7/20/2015, & 3/8/2015) between 10:30am - 2:00pm

Weekend Parking Observations (2014 & 2015)

Site Visit between State St & Schermerhorn St

East Side of Street
Atlantic Ave to State St

Average
Vehicles
Parking

Weekend

4.3



Sunday
7/20/2015
10:30 AM

*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm

*Vehicles parked is the average of three weekend days (7/19/2014, 7/20/2015, & 3/8/2015) between 10:30am - 2:00pm

Parking Study 2014-2015 Summary

Bond St between Wyckoff St & Schermerhorn St

- Existing weekday parking regulations restrict parking along the east curb for over 12 hours of the day
- When weekday parking is permitted between 7pm to 7am very few people park
- New design would repurpose 39 parking spaces which are utilized primarily during weekend

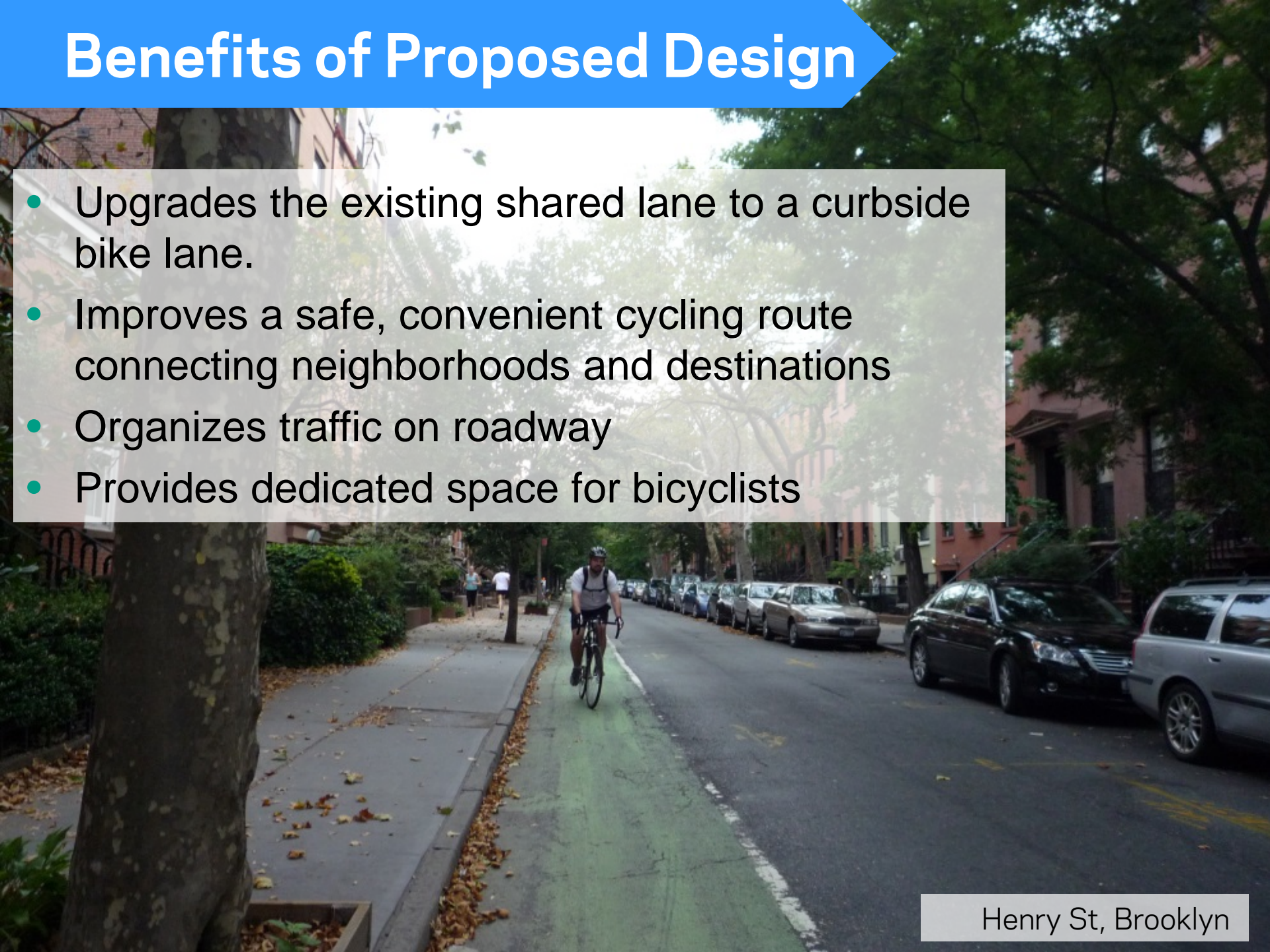
East Side of Street	Site Visit Study Weekday (Overnight)	Site Visit Weekend	Time Lapse Study Weekday (Overnight)	Time Lapse Study Weekend
Average Vehicles Parked	0.8	2.3	0.2	2.7
Vehicles Parked	6	25	5	22
Existing Spaces	39	39	25	25

*Site Visit Study captures Wyckoff Street to Schermerhorn Street

*Time Lapse Study captures Bergen Street to Atlantic Avenue

Benefits of Proposed Design

- Upgrades the existing shared lane to a curbside bike lane.
- Improves a safe, convenient cycling route connecting neighborhoods and destinations
- Organizes traffic on roadway
- Provides dedicated space for bicyclists



Questions?

**Thank
You**

Weekday Parking Utilization Study (2015)

Time Lapse between Bergen St & Atlantic Ave

Underutilized Parking

East Side of Street
Bergen St to Atlantic Ave

Average
Vehicles
Parking

Weekday

0.2

At Pacific St, looking south

**Thursday
4/23/2015
10:00 PM**

*Vehicles parked is the average of seven weekdays (4/23/2014, 4/24/2015, 4/27/2015, 4/28/2015, 4/29/2015, 4/30/2015, & 5/1/2015) between 7:30pm - 6:30am

*Vehicles parked is the average of four weekend days (4/25/2015, 4/26/2015, 5/02/2015, & 5/03/2015) between 1:00am - 10:00pm

Weekday Parking Utilization Study (2015)

Time Lapse between Bergen St & Atlantic Ave

East Side of Street Bergen St to Atlantic Ave	Average Vehicles Parking
Weekday	0.2

At Atlantic Ave, looking south

Friday
4/24/2015
6:00 AM

*Vehicles parked is the average of seven weekdays (4/23/2014, 4/24/2015, 4/27/2015, 4/28/2015, 4/29/2015, 4/30/2015, & 5/1/2015) between 7:30pm - 6:30am

*Vehicles parked is the average of four weekend days (4/25/2015, 4/26/2015, 5/02/2015, & 5/03/2015) between 1:00am - 10:00pm

Weekend Parking Utilization Study (2015)

Time Lapse between Bergen St & Atlantic Ave

Underutilized Parking

East Side of Street Bergen St to Atlantic Ave	Average Vehicles Parking
Weekend	
Total Average	2.7
Day Average (10am-7pm)	4.5
Overnight Average (10pm-7am)	1.8

Sunday
4/26/2015
4:00 PM

At Pacific St, looking south

*Vehicles parked is the average of seven weekdays (4/23/2014, 4/24/2015, 4/27/2015, 4/28/2015, 4/29/2015, 4/30/2015, & 5/1/2015) between 7:30pm - 6:30am

*Vehicles parked is the average of four weekend days (4/25/2015, 4/26/2015, 5/02/2015, & 5/03/2015) between 1:00am - 10:00pm

Weekday Parking Observations (2014 & 2015)

East Side of Street
Pacific St to Atlantic Ave

Average
Vehicles
Parking

Weekday

0

Underutilized Parking

Tuesday
5/12/2015
10:15 PM



*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm

*Vehicles parked is the average of four weekend days (6/28/2014, 7/20/2015, 3/8/2015, & 3/21/2015) between 10:30am - 2:00pm

Weekend Parking Observations (2014 & 2015)

Site Visit between Dean St & Pacific St

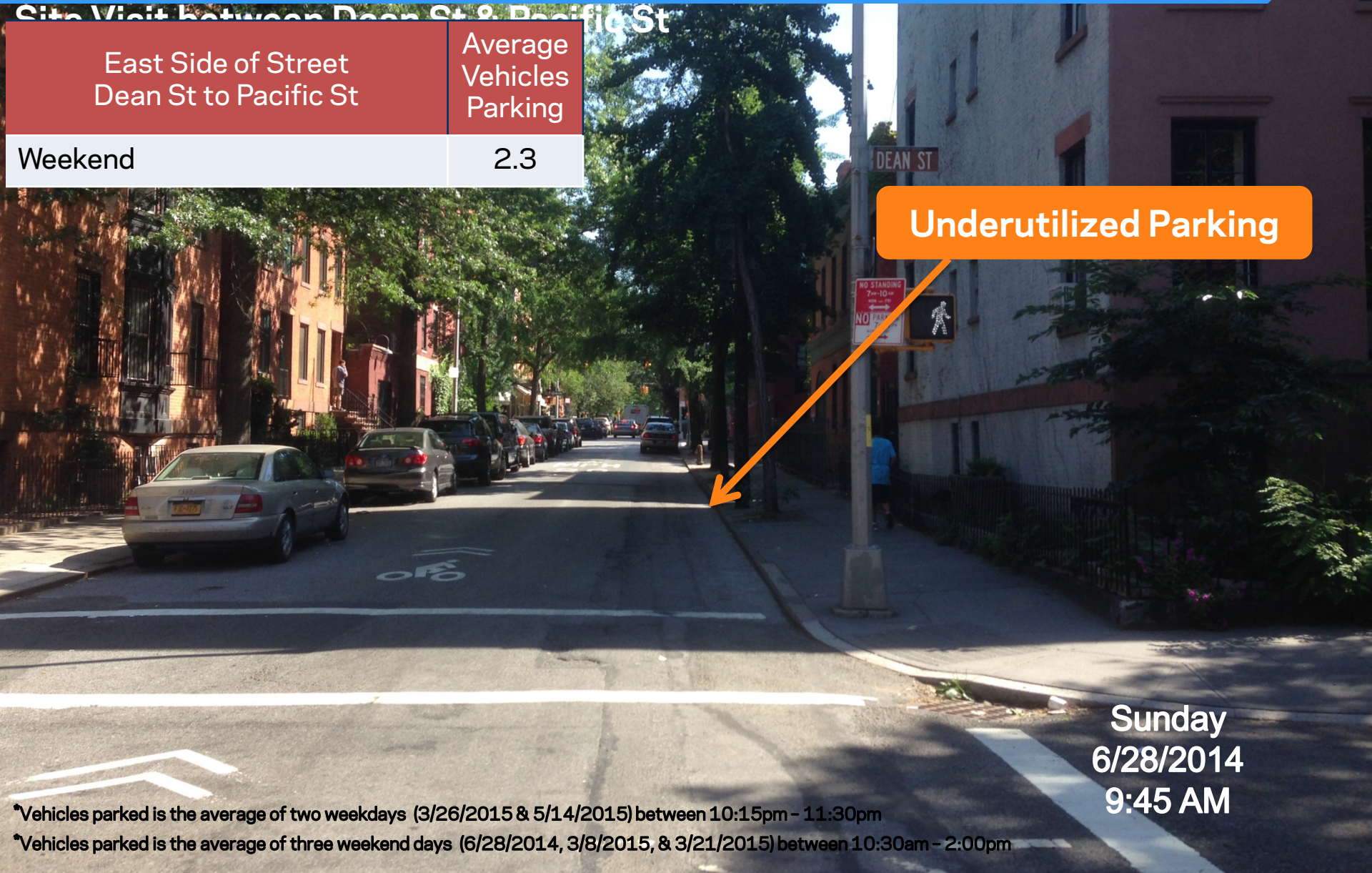
East Side of Street
Dean St to Pacific St

Average
Vehicles
Parking

Weekend

2.3

Underutilized Parking



Sunday
6/28/2014
9:45 AM

*Vehicles parked is the average of two weekdays (3/26/2015 & 5/14/2015) between 10:15pm - 11:30pm

*Vehicles parked is the average of three weekend days (6/28/2014, 3/8/2015, & 3/21/2015) between 10:30am - 2:00pm